

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 Applicant(s): Jean-Yves Le Naour, et al.

Ser. No.: n/a

Filed: Herewith

For: RECEIVING DEVICE WITH AUTOMATIC GAIN CONTROL

Examiner: n/a

Art Unit: n/a

10

PRELIMINARY AMENDMENT

15 Hon. Assistant Commissioner for Patents

Washington, D.C. 20231

15 Sir:

Prior to examination and calculation of fees, please enter the following amendment in the application filed herewith.

20

IN THE ABSTRACT

25 Kindly amend the abstract by replacing all the present paragraphs entirely with the replacement abstract as shown below. A marked up version of the replacement abstract is attached hereto to show the changes in accordance with 37 CFR 1.121 (b).

A/ 25

The invention aims to minimize the analogue/digital converter over-dimensioning within the framework of reception of signals originating from a satellite and exhibiting power levels which can vary over time. The invention proposes a technique of automatic gain control which handles the setting of the noise level associated with the amplified signal. The automatic gain control is achieved by neutralizing the signal received by the antenna, and by adjusting the gain during the neutralization of the signal received until a predetermined noise level is obtained at the end of the reception facility. The invention also pertains to a device comprising the means for implementing the method.

35

IN THE CLAIMS

40 Kindly replace Claims 1-9 with replacement claims as shown below, and add new claims 10-12. A marked up version of the replacement Claims 1-9 is attached hereto to show the change(s) made to each one of the Claims in accordance with 37 CFR 1.121(c).

45